



Docket No.: 50179-087

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Robyn Joyce RUSSELL, et al.	:	Confirmation Number: 3696
Application No.: 09/776,910	:	Group Art Unit: 1652
Filed: February 06, 2001	:	Examiner: Rao, Manjunath N.
For: MALATHION CARBOXYLESTERASE	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the

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foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 50179-087		SERIAL NO. 09/776,910	
				APPLICANT Robyn Joyce RUSSELL, et al.			
				FILING DATE February 06, 2001		GROUP 1652	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US					
		US					
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		WO 95/19440 A	7-20-1990	COMMON WEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION		X	
		WO 90/02177 A	3-8-1990	AMEGEN INC		X	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		SMYTH et al. "A Cluster of at Least Three Esterase Genes in <i>Lucilia cuprina</i> Includes Malathion Carboxylesterase and Two Other Esterases Implicated in Resistance to Organophosphates" Biochemical Genetics, vol. 32, no.11-12, 1994, pages 437-453, XP 002293390 ISSN: 0006-2928					
		CAMPBELL et al., "Two different amino acid substitutions in the ali-esterase, E3, confer alteranative types of organophosphorus insecticide resistance in the sheep blowfly, <i>Lucilia cuprina</i> ", Insect Biochemistry and Molecular Biology, vol. 28, no. 3, March 1998 Pages 139-150, XP 002293391, ISSN: 0965-1748					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.